

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 371 AMENDMENT	565-288-1115-89	0100

TASK TITLE: (NTE 80 characters; include Project name)

NPP Electrical Systems Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Roger Stone <i>Roger E. Stone</i>	9/15/00	565	565	301-286-1313
BRANCH HEAD	DATE	CODE		PHONE
Paul Bryant <i>Paul J. Bryant</i>	9/15/00		565	301-286-7549
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lehair, Jr. <i>Robert S. Lehair</i>	9/20/00		560	301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[X] NO [] YES				

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: SEP 20 2000

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] YES [X] N/A

Government Furnished Property/Facilities: [X] NO [] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [] NO [X] YES If yes: [X] TOTAL [] PARTIAL If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 10/1/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 220,884

The target fee of this task order is \$ 14,357

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 235,241

The maximum fee is \$ 20,984

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Theresa J. Becker

SIGNATURE OF CONTRACTING OFFICER

10/26/00

DATE

Theresa J. Becker

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	371	

Applicable paragraphs from contract Statement of Work: Function 2 B, C and Function 5 A

STATEMENT OF WORK:*(This is a follow-on to Task 128 under this contract; uninterrupted transition is required.)*

The contractor shall perform specific electrical systems engineering activities including:

1. Conducting design and trade studies for Spacecraft electrical segments and ground segments.
2. Reviewing and analyzing electrical design interfaces for the Spacecraft.
3. Monitoring external interface documentation and requirements.
4. Conducting and documenting internal electrical design reviews.
5. Attending technical design reviews and meetings, and submitting recommendations and comments.
6. Preparing and presenting technical information and recommendations.
7. Prepare a detailed review of the Project elements and develop the EMI Requirements for the Project. Work with Instrument scientists and designers to determine Instrument EMI susceptibilities. Tailor the EMI Requirements accordingly.
8. Perform magnetic properties analyses of the spacecraft and the Instruments.
9. Reviewing technical specifications, test plans, test procedures and submitting comments and recommendations.
10. Evaluating the results of the Spacecraft studies conducted through the Rapid Spacecraft Acquisition contracts and providing comments and recommendations.
11. Reviewing and analyzing Spacecraft to Electrical Ground Support Equipment interface requirements.

PERFORMANCE SPECIFICATIONS:

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Word format via either diskette or email. Reports shall contain subjects, references, attachments as necessary, background information, issues, technical analysis or reviews, conclusions, recommendations, and options as necessary. More extensive reports shall contain indexes, figures, and data necessary to make the report complete.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

NPP Mission Formulation Program Requirements (Level 1)
NPP Mission Requirements Specification (Level 2)
NPP Mission System and Operations Concept
NPOESS Common Section of the Sensor Requirements Document
NPOESS Technical Requirements Document

TASK END DATE: 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

Report: Status on Engineering Activities and Analysis -- due Monthly
Report: NPP Preliminary EMI Requirements Document -- due Nov. 15, 2000
Report: NPP EMI Requirements Document -- due June 30, 2001
Report: Technical Progress Report -- due Monthly, 15th of the month

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above.
Technical: ATR's acceptance of the above.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Roger Stone, building 20, Room 1H